

REMARKS

Reconsideration and allowance of the above-referenced application are requested.

Upon entry of this amendment, claims 1-49 will remain in the application.

Drawings

Figures 1A and 1B were objected to. Figures 1A and 1B have been amended to obviate the objections.

Claim Objections

Claim 49 was objected to. Claim 49 has been amended to obviate the objections.

Specification

The Abstract was objected to. The Abstract has been amended to obviate the objections.

Double Patenting

Claim Rejections – 35 USC § 102

Claim Rejections – 35 USC § 103

Claims 1-8, 10-25, 28-32, and 34-49 were rejected under one or more of the nonstatutory, judicially created doctrine of obviousness-type double patenting, 35 U.S.C. 102(e), and 35 U.S.C. 103(a) based on Shu et al. (US 6,551,029), alone or in combination with other references.

The Specification has been amended to include a priority claim to U.S. Application Serial No. 09/697,382, filed on October 25, 2000, now U.S. Patent No. 6,349,664, which is a continuation of U.S. Application Serial No. 09/213,597, filed on December 16, 1998, now U.S. Patent No. 6,148,751. A Petition for an Unintentionally Delayed Priority Claim has been filed concurrently and attached is a copy.

U.S. Patent No. 6,148,751 has a filing date of December 16, 1998, which predates the priority date of Shu et al. (Jan. 31, 2000). Accordingly, Applicants submit that claims 1-8, 10-25, 28-32, and 34-49 are allowable.

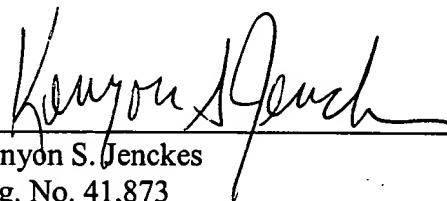
Applicant : Neal A. Brown
Serial No. : 09/875,209
Filed : June 4, 2001
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Attorney's Docket No.: 10431-005001

Applicant hereby petitions under 37 C.F.R. §1.136 for a 1 month extension of time.

Enclosed is a \$55.00 check for the Petition for Extension of Time fee. Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,



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Date: November 11, 2003

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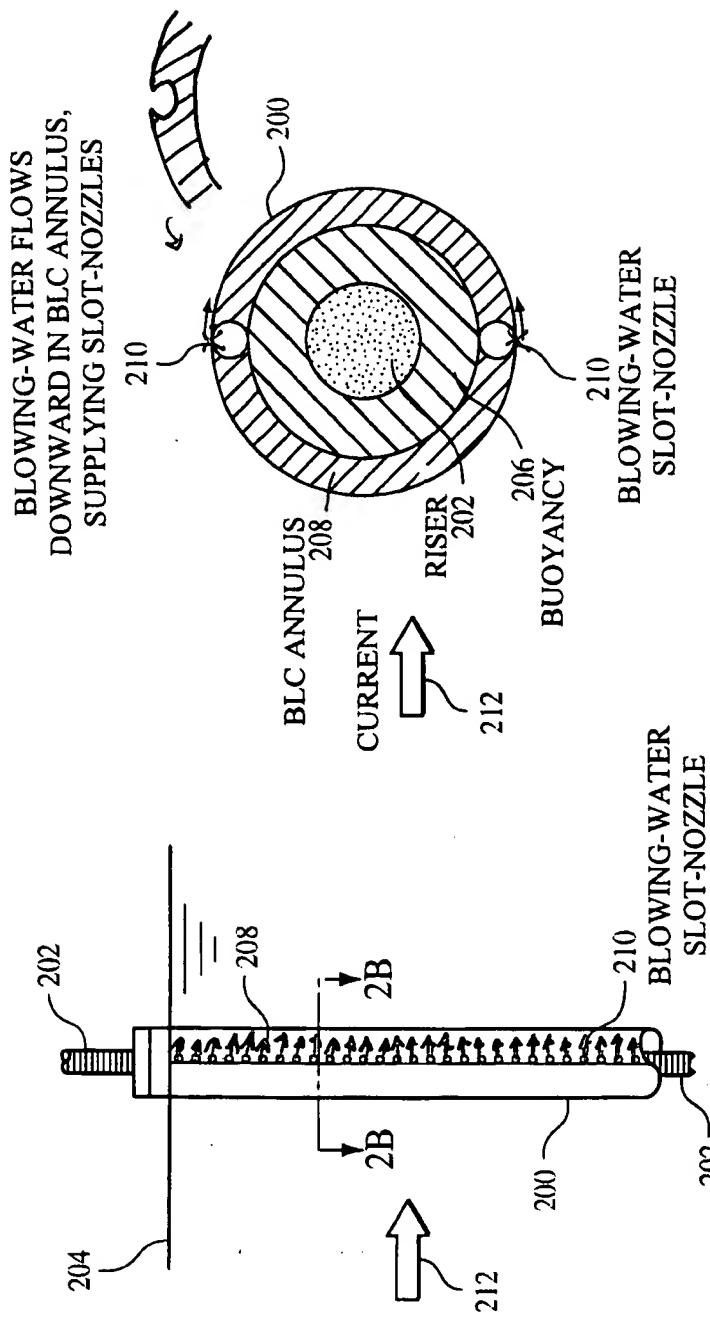
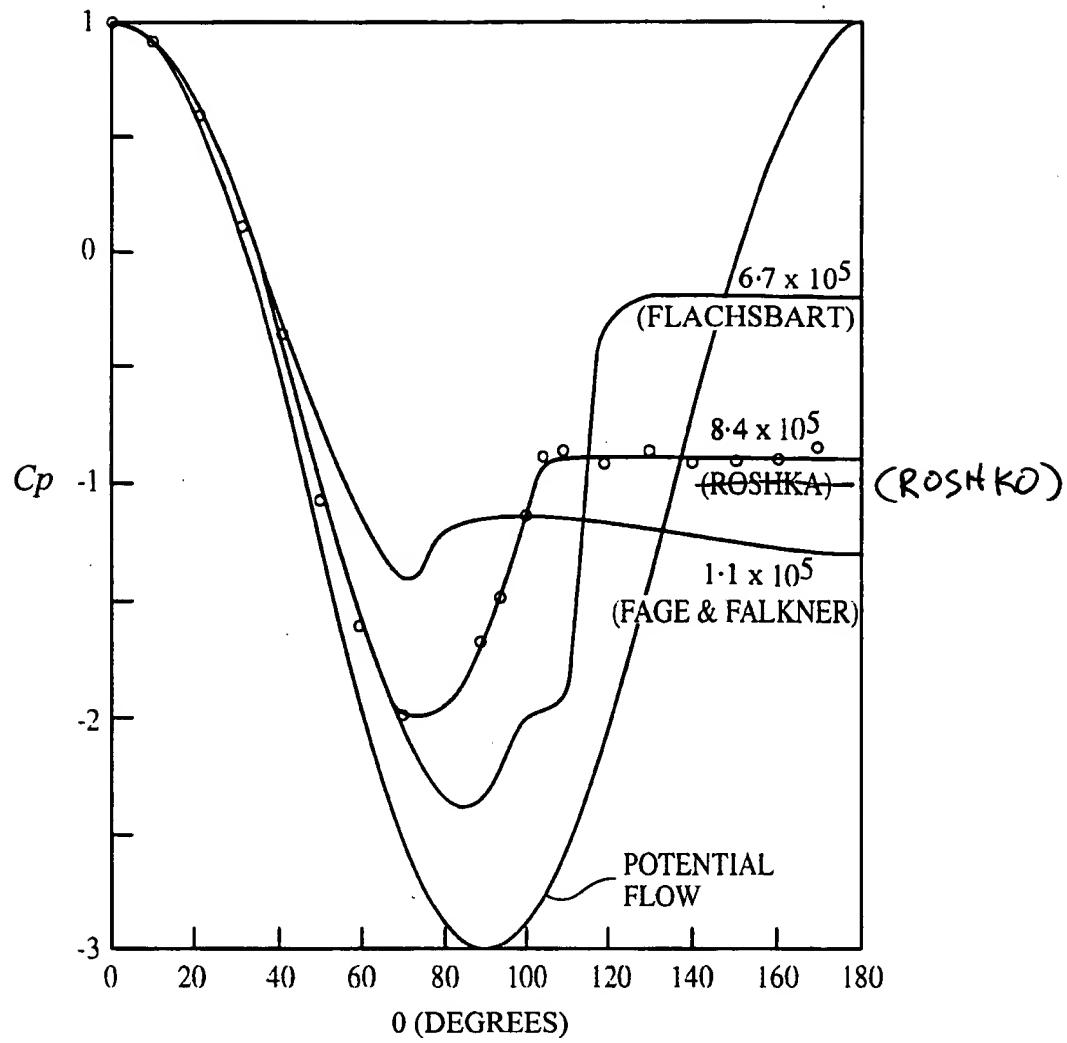


FIG. 2B

FIG. 2A

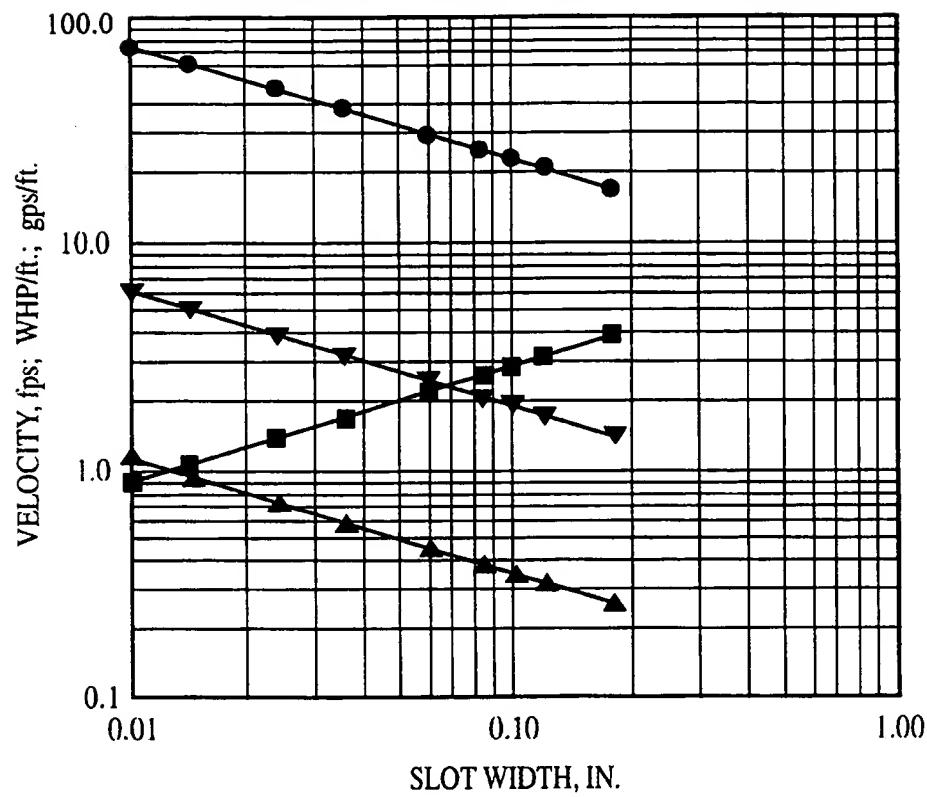


PRESSURE DISTRIBUTION ON A CIRCULAR CYLINDER

FIG. 3



DRILLING RISER BLC SYSTEM
PRELIMINARY CHARACTERISTICS ESTIMATES



CURRENT: 6.0 fps
DIAMETER: 14 in.
JMR: 6
Cf FACTOR: 2
EHP/ft.: 1.77
Cmu: 0.0531

● jet vel, fps
▲ WHP/ft.
■ gps/ft.
▼ Uj/Ues

FIG. 5

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PATENT & TRADEMARK OFFICE

APPARENT DELTA Cd vs Cu & Re
BLC DEMO, ROUGHENED

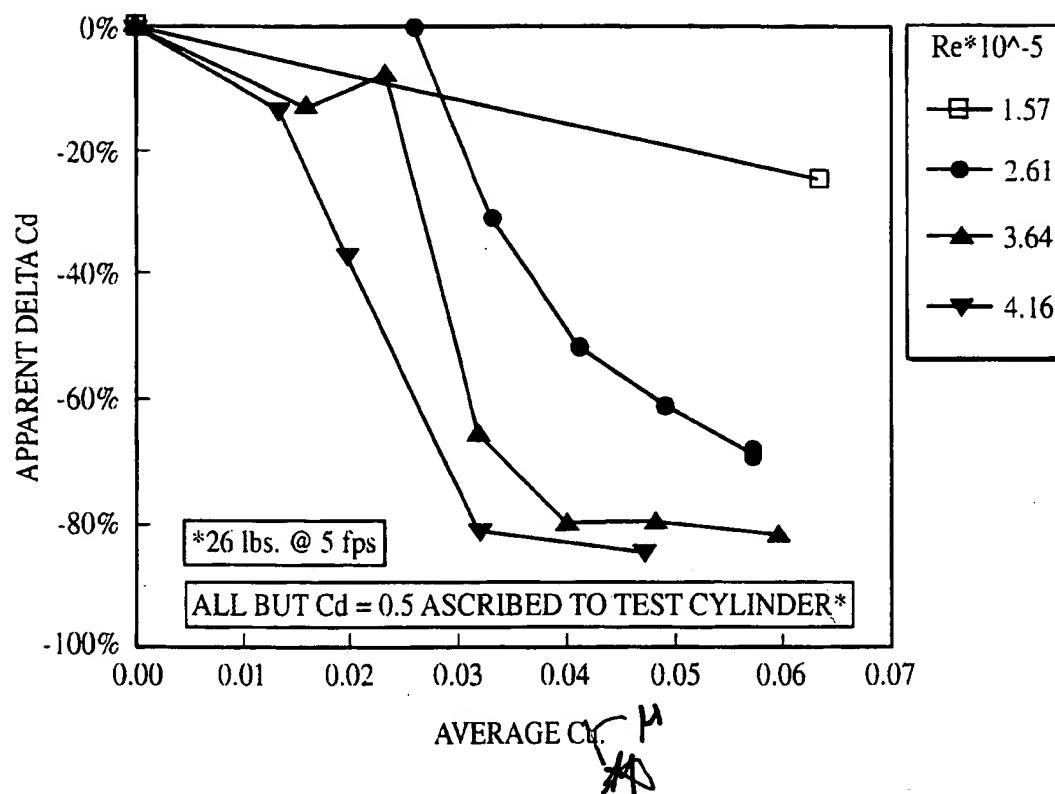


FIG. 8

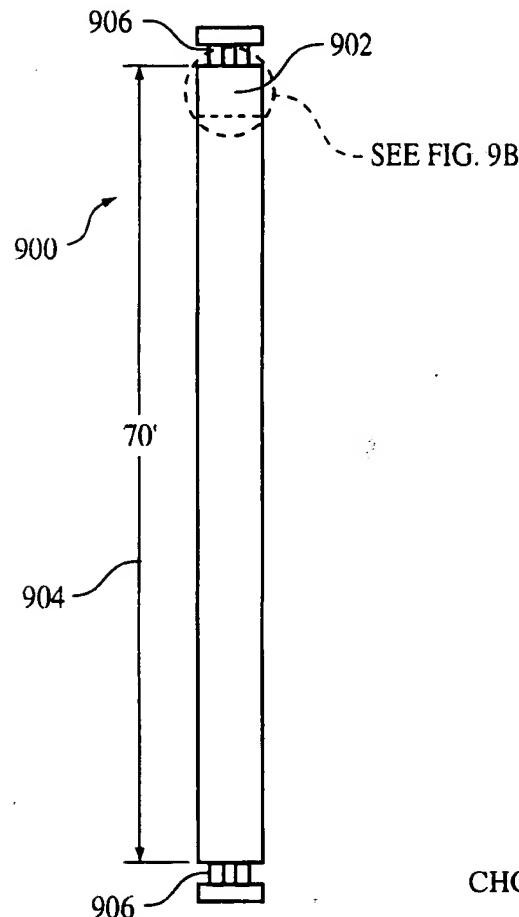


FIG. 9A

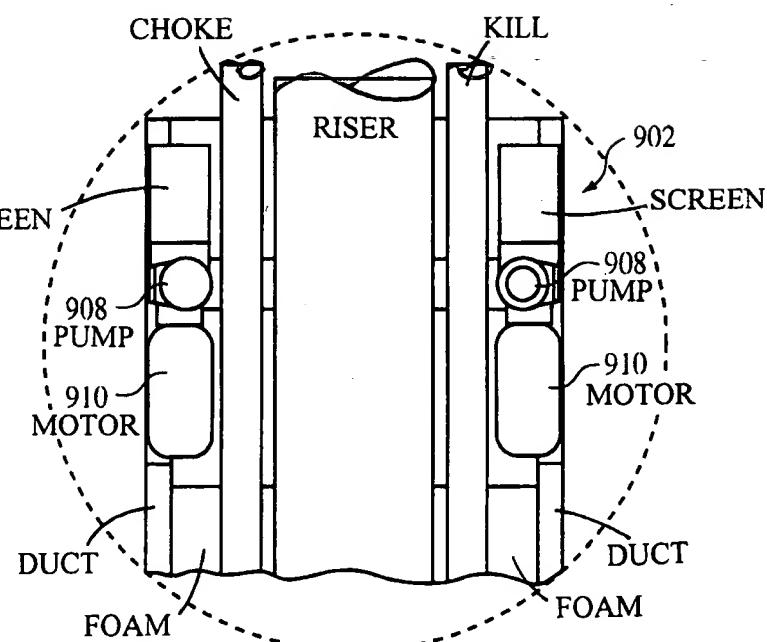


FIG. 9B

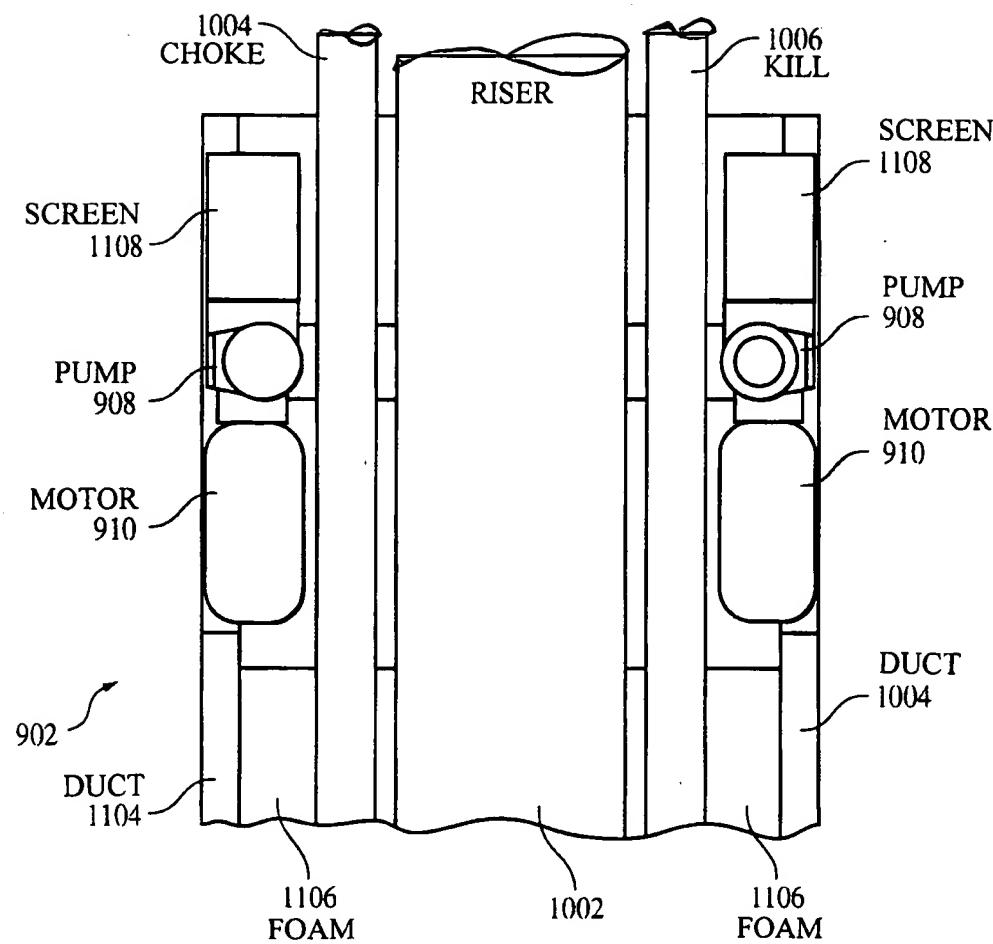


FIG. 10

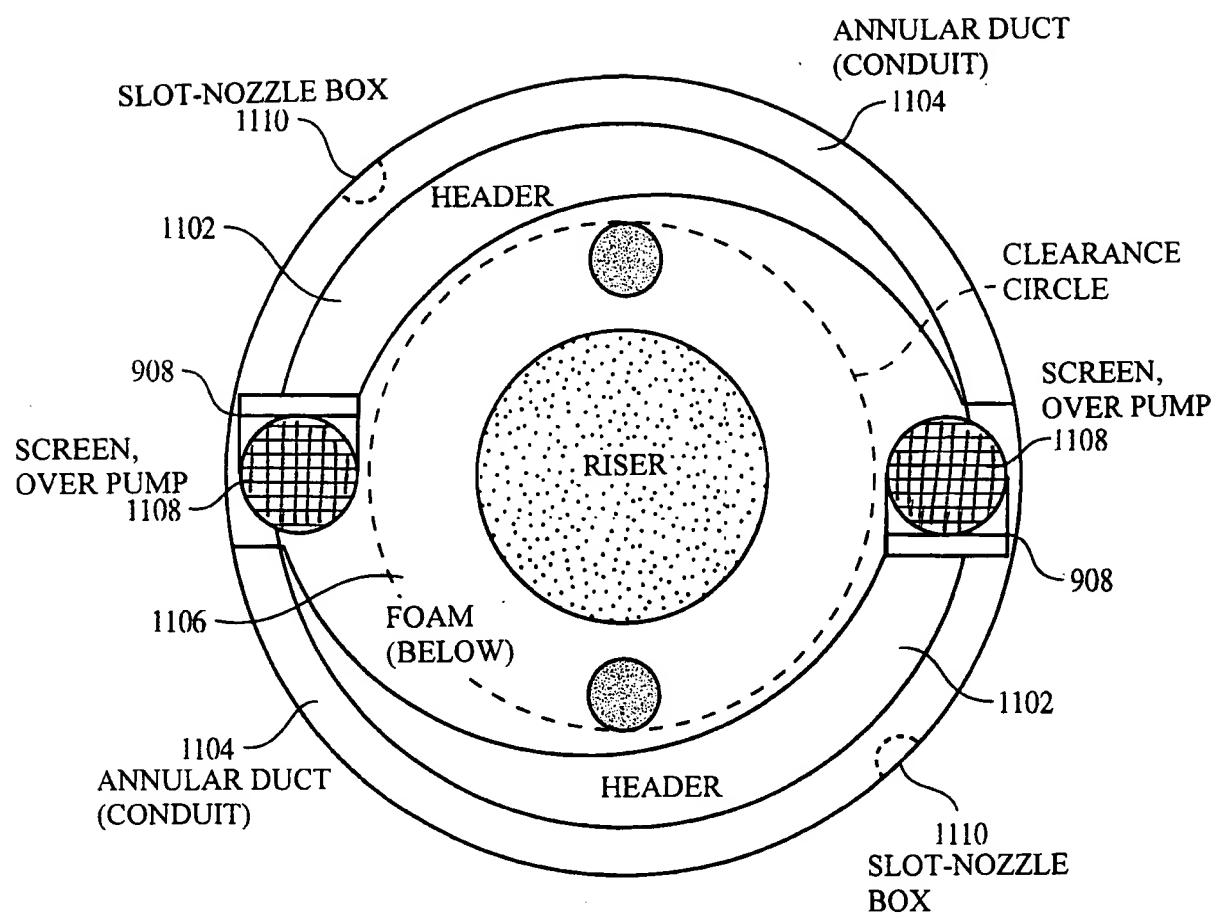


FIG. 11

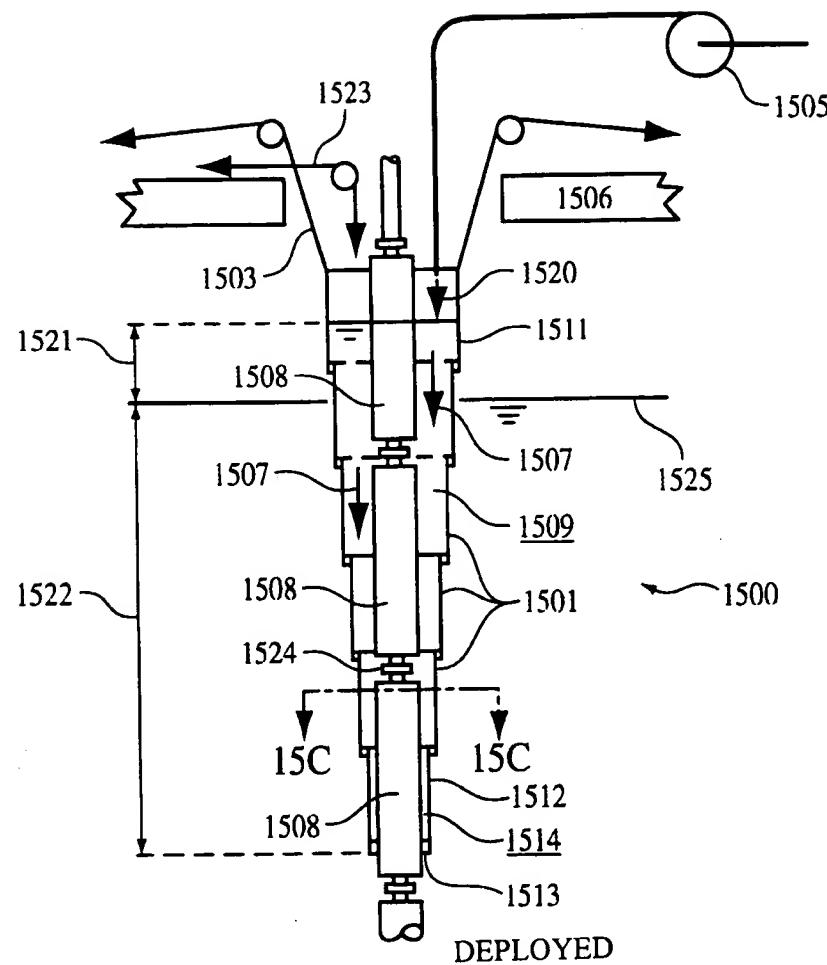
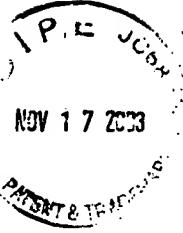


FIG. 15A

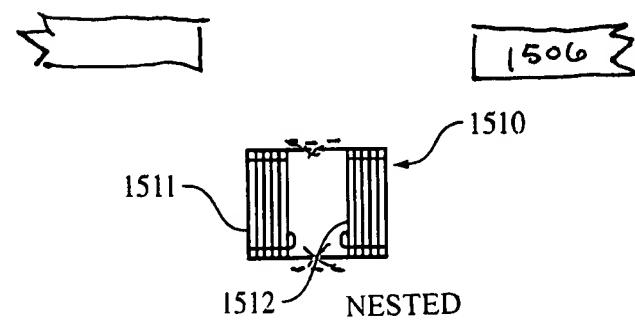


FIG. 15B

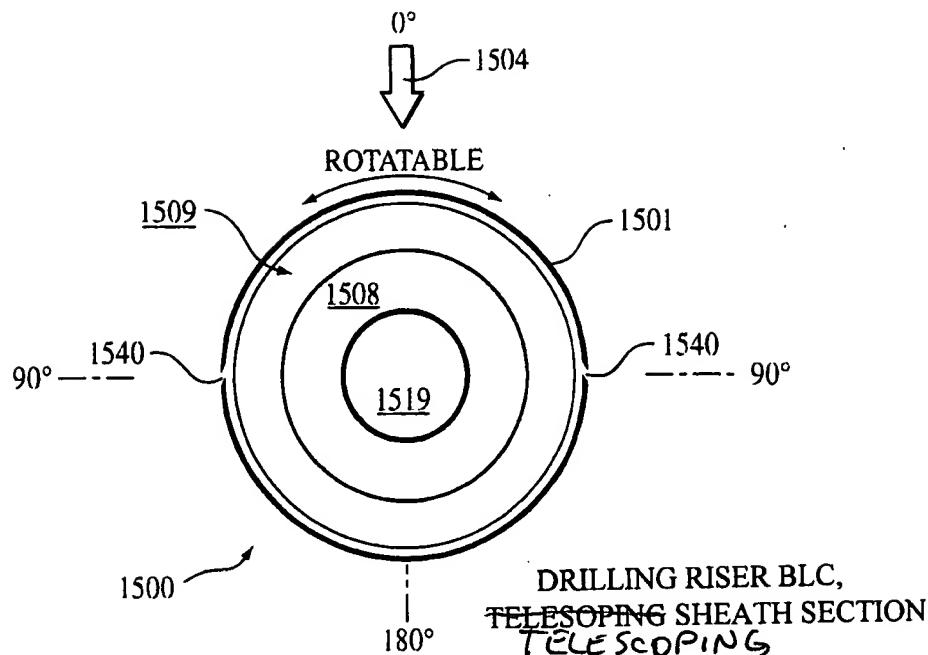


FIG. 15C

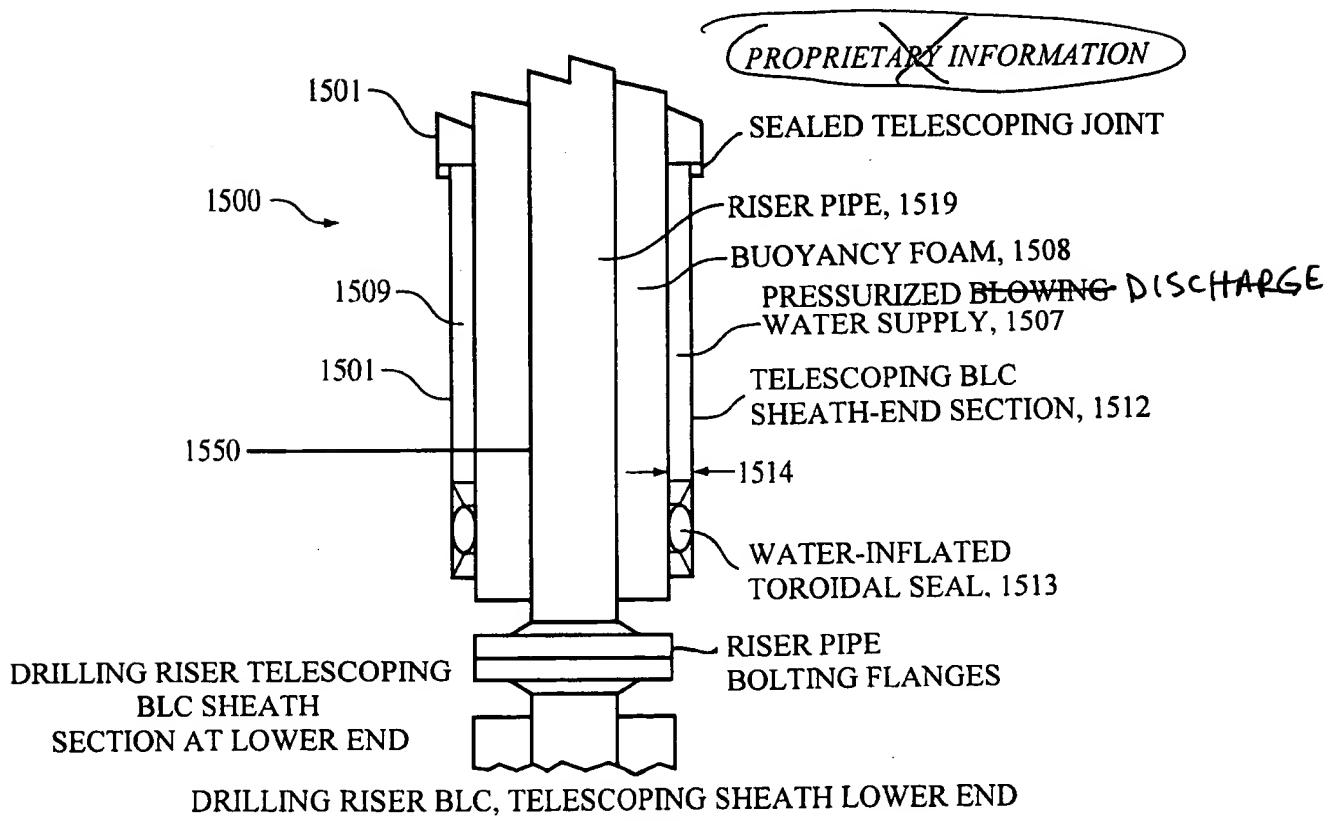


FIG. 15D

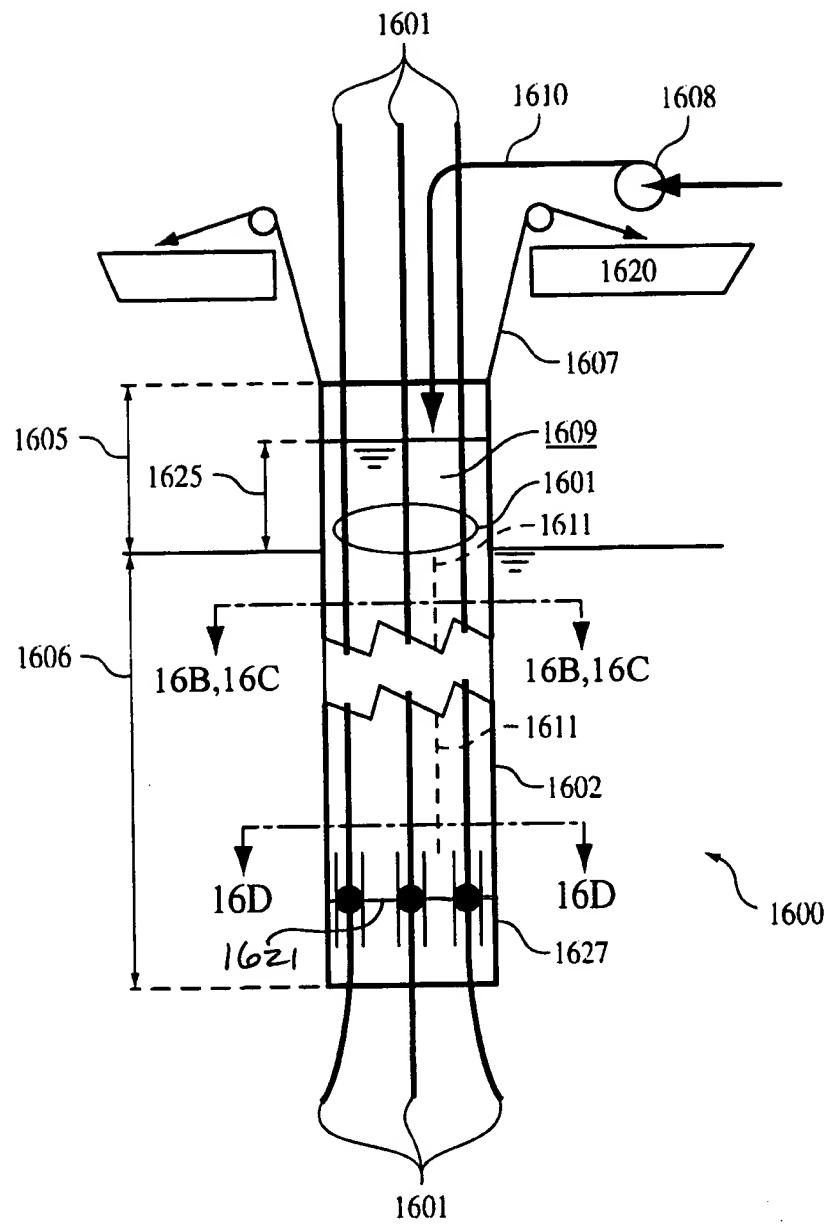


FIG. 16A